

## **AssistDent® V2.1 Key Features Overview**

**Caries Detection Performance.** Improved caries detection resulting in even more caries being detected, without an increase in the number of false positives.

Dental Clinicians using AssistDent are able to identify more regions of interest, which leads to more opportunities to intervene and treat accordingly; overall improving patient oral health outcomes. Read our peer reviewed research below.

Peer Reviewed Research Evidence: [Dental Evidence - Manchester Imaging](#)

**Caries Grading.** Users can edit the AI grading and provide their own grade to added caries regions of interest. Extended proximal caries detection to all grades of caries and classified each region of interest as:-

- E1: caries penetrated less than < 50% of enamel
- E2 caries penetrated more than >50% of enamel (NOT dentine)
- D: caries penetrated through enamel into dentine.

**Tooth Labelling.** Automatic labelling of every tooth according to mouth quadrant and tooth number. Users can edit and/or correct tooth labels as required.

**Improved Tooth Detection Performance.** Improved detection of teeth resulting in fewer teeth missed and hence more caries found. Reduced the number of erroneous tooth detections resulting in fewer incorrect caries detections.

**AssistDent® Licence.** Enables use on up to 4 computers on a single licence registration to facilitate use across different surgeries in a practice. If you require multiple licences, please contact: [support@manchester-imaging.com](mailto:support@manchester-imaging.com)

**Conforming to post-Brexit UKCA mark** meaning that AssistDent can be used as a medical device in England, Scotland and Wales.

**SIGN UP HERE:** <https://manchester-imaging.com/registration/>